1) (a) PD  
    (b) MD  
    (c) MD  
    (d) PD  
    (e) PD  
    (f) PD  

2) (a) PD, PD  
    (b) MD, PD, MD, MD, MD  
    (c) PD, PD, MD  

3) (a) MD $56 \div 8$  
      $= 7$  

   (b) PD $132 \div 4$  
      $= 33$  

   (c) MD $2000 \div 250$  
      $= 8$  

   (d) PD $256 \div 8$  
      $= 32$  

   (e) MD $140 \div 20$  
      $= 7$  

   (f) MD $143 \div 21$  
      $= 6 \text{ R } 17$  

   Ask:  
   56 is how many groups of 8?  

   Ask:  
   132 is 4 groups of what?  

   Ask:  
   2000 is how many groups of 250?  

   Ask:  
   140 is how many groups of 20?  

   Remainder = 17
4(a) MD $ 84 \div 21$

84 flowers are planted in rows.

If there are 21 flowers in each row, how many rows are there? (Asks: $84$ is how many groups of 21?)

(b) PD $ 91 \div 5$

Kate had 91 buttons. She put them equally into 5 boxes.

How many buttons were there in each box?

How many buttons will be left over?

5) (a) number line picture $59 \div 10 = 5 \text{ R9}$

(b) bar diagram, MD $71 \div 16 = 4 \text{ R7}$

6) (a) Choose $a = 4$ and $b = 2$.

Then $a \div b = 4 \div 2 = 2$

but $b \div a = 2 \div 4 = \frac{2}{4} = \frac{1}{2}$

So, $a \div b \neq b \div a$

Conclusion: Division is NOT COMMUTATIVE

(b) Choose $a = 8$, $b = 4$, $c = 2$.

Then $(a \div b) \div c = (8 \div 4) \div 2 = 2 \div 2 = 1$

but $a \div (b \div c) = 8 \div (4 \div 2) = 8 \div 2 = 4$

So, $(a \div b) \div c \neq a \div (b \div c)$

Conclusion: Division is NOT ASSOCIATIVE